

**PATENT NUMBER**

**O.I.P.E.**

PATENT DATE

AC  
SCANNED

QA RG

## APPLICANTS

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# TIME

Bit line landing pad and borderless contact on bit line stud with localized etch stop layer formed in void region, and manufacturing method thereof

PTO-2040  
12/89

**ISSUING CLASSIFICATION**

		DRAWINGS			
		Sheet Drawn	Page Drawn	Page	
The term of this patent shall be for _____ (Date) years from the date of filing of the application.				NOTICE OF THE EXPIRATION OF THIS PATENT	
The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____		_____ (Assistant Examiner)		_____ (Date)	
_____ _____ _____		_____ (Primary Examiner)		_____ (Date)	
<input type="checkbox"/> The term of _____ months of this patent have been disclaimed.		_____ (Legal Instruments Examiner)		_____ (Date)	
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